

<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p> <p><i>MAR 06 2006</i></p> <p>U.S. PATENT AND TRADEMARK OFFICE</p>	<i>Complete if Known</i>	
	Application Number	10/520,028
	Filing Date	December 28, 2004
	First Named Inventor	Y. Nakagawa et al.
	Art Unit	2681
	Examiner Name	
SHEET 1 of 2	Attorney Docket No.	MAT-8645US

Examiner Signature	<i>R. malek</i>	Date Considered	02108108
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1. Applicant's unique citation designation number (optional).

² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard St.3)

*Enter Office that issued the document, by the two-letter code (WFO, STANB, etc.).
*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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Applicant is to place a check mark here if English language translation is needed. A collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the TO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. FEE'S SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<p>Substitute for Form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p> <p>DOPE 1449B 1449B-2</p> <p>06-06-2008</p>	Complete if Known	
	Application Number	10/520,028
	Filing Date	December 28, 2004
	First Named Inventor	Y. Nakagawa et al.
	Art Unit	2681
	Examiner Name	
	Attorney Docket No. MAT-8645US	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	<u>P. melek</u>	Date Considered	02108108
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28 DEC 2004
(AW 08/03)

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	Application Number	To Be Assigned
	10/520028	
	Filing Date	Herewith
	First Named Inventor	Y. Nakagawa et al.
	Art Unit	
Examiner Name		
SHEET 1 of 2	Attorney Docket No.	MAT-8645US

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)				
L.M.		JP 2002-152191 (w/English abstract)	5/24/2002	Matsushita Electric Ind Co Ltd		<input type="checkbox"/>
L.M.		JP 2000-156892 (w/English abstract)	6/6/2000	Alcatel		<input type="checkbox"/>
L.M.		JP 2003-273856 (w/English abstract)	9/26/2003	Communication Research Laboratory)		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

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DT15 Rec'd PCT, PTO 28 DEC 2004
(AW 08/03)

Substitute for Form 1449B/PTO		Complete If Known	
		Application Number	To Be Assigned <u>107520028</u>
		Filing Date	Herewith
		First Named Inventor	Y. Nakagawa et al.
		Art Unit	
		Examiner Name	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		SHEET 2 of 2	
		Attorney Docket No.	MAT-8645US

Examiner Signature	<u>L. March</u>	Date Considered	02/08/08
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